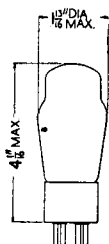
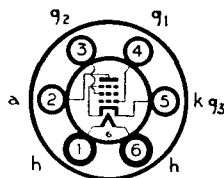


Replacement Types



TYPES 43, 43E (U.X. BASE) POWER PENTODES

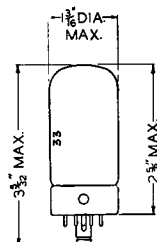


CHARACTERISTICS

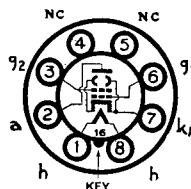
Heater Voltage	...	...	25 volts	Cathode Bias Resistor	440	440 ohms
Heater Current	...	...	0.3 amp.	Anode Impedance	...	35,000 42,000 ohms
Anode Voltage	...	135	160 volts	Mutual Conductance	2.45	2.40 mA/V
Anode Current	...	37	33 mA	Optimum Load	...	4,000 5,000 ohms
Screen (g_2) Voltage	135	120 volts		Power Output	...	2.0 2.2 watts
Screen Current	...	8.0	6.5 mA	Harmonic Distortion	9	10 per cent.
Control Grid (g_1) Voltage	—20	—18 volts				

For further information and characteristic curves refer to type 25A6G.

Replacement Type



TYPE 50A5 (LOCTAL BASE) OUTPUT BEAM TETRODE



CHARACTERISTICS

Heater Voltage	...	...	...	...	...	...	...	50 volts
Heater Current	...	...	...	...	...	...	...	0.15 amp.
Anode Voltage	...	...	...	...	...	...	100	200 volts
Anode Current	...	...	...	...	...	...	49	50 mA
Screen (g_2) Voltage	...	...	...	...	...	...	110	110 volts
Screen Current	...	...	...	...	...	...	4.0	1.5 mA
Control Grid (g_1) Voltage	...	...	...	...	...	...	—7.5	—8.0 volts
Cathode Bias Resistor	...	...	...	...	...	...	150	160 ohms
Anode Impedance	...	...	...	...	...	...	13,000	35,000 ohms
Mutual Conductance	...	...	...	...	...	...	8.0	8.25 mA/V
Optimum Load	...	...	...	...	...	...	2,000	3,000 ohms
Power Output	...	...	...	...	...	...	2.1	4.3 watts
Harmonic Distortion	...	...	...	...	...	...	10	10 per cent.

The characteristic curves of the 50A5 are similar to those of type 50L6GT.